

Lina™

The oil mist separator for small machines

Lina is the smallest oil mist separator in the 3nine product family. It was specially designed for small, enclosed machine tools, where the need for extraction vacuum is limited.

Lina has a capacity of 350 cfm (500 m³/h) and is mounted on each machine tool. This saves floor space and unnecessary pipework. It also makes it easier to move the machines when production requirements change.

Users with small machines can now have the same flexible, maintenance-free solution as with other 3nine products, but at a lower cost. Lina offers unbeatable economy over its life-cycle.

Lina is a purely centrifugal separator. As with other 3nine products, its maintenance requirements are minimal. The patented rotating internal plates separate the oil mist far more effectively than traditional centrifugal separation technologies such as cyclones and rotary filters.

With a diameter of 19" (480 mm) and a height of 20" (500 mm), Lina is one of the very smallest oil mist separators on the market. This makes it very easy to install – even on small machine tools.

Lina offers you the same advantages as other 3nine oil mist separation products:

- Minimal maintenance
- No duct/pipe runs and awkward installation work
- Occupies no floor space
- No filter disposal costs
- Better operating economy than with filter units

Technical data

Type designation	LI500
Application	Cleaning of oil mist (cutting fluid/coolant) in a workshop environment
Capacity	0-350 cfm (0-500 m ³ /h)
Negative/positive pressure	< 3.2" WG (< 800 Pa)
Operating conditions	122 °F (50 °C)
Electric power supply	3.4/1.7 A, 230/460/3/60 (or 10 A/380-400 V/3/50)
Frequency	60 Hz (50 Hz)
Motor rating	0.75 hp (0.55 kW)
Speed	3,360 rpm (or 3,000 rpm)
Weight	66 lbs (30 kg)
Height	19.7" (500 mm)
Diameter	18.9" (480 mm) (lower flange 20.5" (520 mm))
Inlet pipe	5" (125 mm)
Sound level	< 65 dB (A)
Mounting	Directly on the machine, on a wall or on a frame above the machine

